Page Form PTO-1449 Attorney Docket No. Serial No. 061607-1490 09/277,213 INFORMATION BISCLOSURE CITATION **Applicant Betts** (Use several sheets if necessary) Filing Date Group February 5, 2001 U.S. PATENT DOCUMENT RECEIVED Class To Be Assigned Examiner Item Document Subclass Filing Date Initials Number If Appropriate 5,559,835 Α Sep. 24, 1996 Betts 265 В 5,243,627 Sep. 7, 1993 Betts et al. 375 222 C 4,677,624 Jun. 30, 1987 714 Betts et al. 792 D 4,677,625 Jun. 30, 1987 Betts et al. 714 792 E 4,677,626 Jun. 30, 1987 Betts et al. 714 792 FOREIGN PATENT DOCUMENTS Document Date Country Class Subclass Translation Number Yes No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) International Telecommunication Union, ITU-T, Telecommunication Standardization Sector of ITU, Draft G.shdsl, Transmission of Systems and Media, "Single-Pair High Speed Digital Subscriber Line (SHDSL) Transceivers" ITU - Telecommunication Standardization Sector, Study Period 1997-2000, Study Group 15, Delayed G Contribution D.xxx, Geneva, 3-14 April 2000, Text available only in E, Question: 4/15, Source: Paradyne Corporation, Title: "G.shdsl: 4-Wire Space Diversity Convolutional Encoding" Н ITU - Telecommunication Standardization Sector, Study Period 1997-2000, Study Group 15, Delayed Contribution D.726(WP1/15), Geneva, 3-14 April 2000, Text available only in E, Question: 4/15, Source: Paradyne Corporation, Title: "G.991.2 (ex G.shdsl): Interleaved convolutional encoder" U.S. Utility Patent Application, entitled "Space Diversity Trellis Interleaver System And Method", serial no. 09/534,696, filed on March 24, 2000. U.S. Utility Patent Application, entitled "Discrete Multitone Interleaver", serial no. 09/736,353, filed on December 14, 2000. International Telecommunication Union, ITU-T, Telecommunication Standardization Sector of ITU, Study Group K 15-Contribution 3, New Draft Recommendation G.991.2 - Single-Pair High Speed Digital Subscriber Line (SHDSL) Transceivers - For Approval, October 2000

EXAMINER: Minal if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant. EXAMINER'S SIGNATURE

DATE CONSIDERED:

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE